

# MATERIAL SAFETY DATA SHEET

## SILCOSEAL SELECT

<b>1. Product And Company Identification</b>	
<b>Manufacturer</b> NOX-CRETE MANUFACTURING INC 1444 SOUTH 20TH STREET OMAHA, NE 68108	<b>Contact Information</b>  FAX Number: 402-341-9752 E-Mail: corporate@nox-crete.com Web Site: www.nox-crete.com
<b>Emergency Phone Number</b> CHEMTREC: 800-424-9300 CHEMTREC OUTSIDE OF U.S.: 703-527-3887	<b>Manufacturer Phone Number</b> 402-341-2080
Issue Date: 02/08/2010 Product Name: SILCOSEAL SELECT Chemical Family: WATER BASED CONCRETE TILT-UP BONDBREAKER EMULSION MSDS Number: 136 Product Code: SSSEL	

<b>2. Hazards Identification</b>
<b>Primary Routes(s) Of Entry</b> Eye Contact, Ingestion, Inhalation, Skin Contact
<b>Eye Hazards</b> May cause eye irritation.
<b>Skin Hazards</b> May cause skin irritation.
<b>Ingestion Hazards</b> Aspiration hazard if swallowed. Can enter lungs and cause damage.
<b>Inhalation Hazards</b> Excessive vapor inhalation can cause anesthesia, headache, nausea and dizziness.

<b>3. Composition/Information On Hazardous Ingredients</b>			
	Ingredient Name	CAS Number	
	1-BUTANOL	71-36-3	
	AROMATIC SOLVENT	1330-20-7	
	AROMATIC SOLVENT	64742-95-6	
	MEDIUM ALIPHATIC SOLVENT NAPHTHA	64742-88-7	

<b>4. First Aid Measures</b>
<b>Eye</b> In case of contact, hold eyelids apart and immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately if irritation develops and persists.
<b>Skin</b> Remove contaminated clothing and shoes. Wash affected areas with soap and water. Wash clothing before reuse. Get medical attention immediately if irritation (redness, rash, blistering) develops and persists.

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### 4. First Aid Measures - Continued

#### Ingestion

If swallowed, do not induce vomiting. Get medical attention immediately.

#### Inhalation

If irritation, headache, nausea, or drowsiness occurs, remove to fresh air. Get medical attention if breathing becomes difficult or symptoms persist.

### 5. Fire Fighting Measures

**Flash Point:** 102 °F 39 °C

**Flash Point Method:** PMCC

#### Fire And Explosion Hazards

Can form flammable mixtures with air and flash at room temperature. Explosive hazard in fire situation. Vapor heavier than air may travel considerable distance to a source of ignition and flash back.

#### Extinguishing Media

Use CO2 (Carbon Dioxide), dry chemical, or foam.

#### Fire Fighting Instructions

Firefighters should wear self-contained breathing apparatus and full protective gear. Water can be used to cool and protect exposed material. Avoid spreading burning liquid with water used for cooling purposes.

### 6. Accidental Release Measures

Eliminate any ignition source. Dike or impound spilled material. Contain and/or absorb spill with inert material (e.g. sand, vermiculite). Collect into vapor tight containers and dispose of properly.

### 7. Handling And Storage

#### Handling Precautions

Keep container closed when not in use. Use only with adequate ventilation. Prevent exposure to freezing temperatures.

#### Storage Precautions

Store product in a cool, dry environment away from sources of ignition.

#### Work/Hygienic Practices

Wash thoroughly with soap and water after handling.

### 8. Exposure Controls/Personal Protection

#### Engineering Controls

Use with adequate ventilation to keep product vapor concentrations below specified TLV.

#### Eye/Face Protection

Chemical goggles and/or face shields are required to prevent potential eye contact, irritation or injury.

#### Skin Protection

Wear gloves and appropriate protective clothing as required to prevent skin contact. Wash exposed skin frequently with soap and water. Soiled clothing should be laundered before reuse.

#### Respiratory Protection

General room ventilation is normally adequate. Avoid breathing the product mist. The use of a NIOSH approved respirator is recommended whenever the airborne concentrations exceed the TLV.

#### Ingredient(s) - Exposure Limits

1-BUTANOL

50 PPM

AROMATIC SOLVENT

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### 8. Exposure Controls/Personal Protection - Continued

#### Ingredient(s) - Exposure Limits - Continued

100 PPM  
AROMATIC SOLVENT  
100 PPM  
MEDIUM ALIPHATIC SOLVENT NAPHTHA  
10 PPM

### 9. Physical And Chemical Properties

#### Appearance

White emulsion with mild solvent odor.

**Chemical Type:** Mixture

**Physical State:** Liquid

**Boiling Point:** 200-300 °F 94-150 °C

**Specific Gravity:** Lighter than water

**Packing Density:** 8.09 lbs per gallon .971 kg per liter

**Solubility:** Miscible

**Evaporation Rate:** Slower than ether

REGULATORY VOC: Less than 600 grams per liter

ACTUAL VOC: Less than 120 grams per liter

Flash Point: ASTM D-93 102 F 39C (PMCC)

Flash Point: ASTM D-92 160 F 71C (COC)

### 10. Stability And Reactivity

**Stability:** Stable

**Hazardous Polymerization:** Will not occur

#### Incompatible Materials

Strong oxidizing agents. Strong acids or bases and selected amines.

#### Hazardous Decomposition Products

Combustion may produce carbon monoxide, carbon dioxide, and various hydrocarbon derivatives.

### 11. Toxicological Information

#### Chronic/Carcinogenicity

No component of this product present at levels greater than 0.1% is identified as a carcinogen by the U.S. National Toxicology Program, the U.S. Occupational Safety and Health Act, or the International Agency on Research on Cancer (IARC).

### 12. Ecological Information

No Data Available...

### 13. Disposal Considerations

Care must be taken to prevent environmental contamination from the use of this material. The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all applicable local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes.

### 14. Transport Information

#### Proper Shipping Name

Paint Related Material

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### 15. Regulatory Information

#### SARA Section 313 Notification

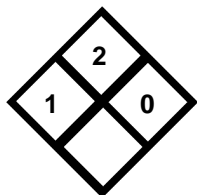
This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372. This information must be included in all MSDSs that are copied and distributed for this material.

CHEMICAL	CAS #	MAX WEIGHT %
XYLENE	1330-20-7	Up to 1.8
ETHYLBENZENE	100-41-4	Up to 0.6
BUTANOL	71-36-3	Up to 3.7
1,2,4-TRIMETHYLBENZENE	95-63-6	Up to 0.9

#### State Regulations

Proposition 65: WARNING. This product contains one or more chemicals known to the State of California to cause cancer and/or reproductive toxicity.

#### NFPA



#### HMIS

HEALTH	1
FLAMMABILITY	2
REACTIVITY	0
PERSONAL PROTECTION	X

### 16. Other Information

#### Revision/Preparer Information

MSDS Preparer: David MacFarlane

This MSDS Supersedes A Previous MSDS Dated: 03/28/2007

#### Reference Documentation

The information contained herein is based on data available to us and is believed to be correct. Since this information may have been obtained in part from independent laboratories or other sources not under our direct supervision, no representation is made that the information is accurate, reliable, complete or representative and Buyer may rely thereon only at Buyers risk. We have made no effort to censor or to conceal deleterious aspects of this product. Further since we cannot anticipate or control the many different conditions under which this information or our products may be used, we make no guarantee that the health and/or safety precautions we have suggested will be adequate for all individuals and /or situations involving its handling or use. Likewise, we make no guarantee or warranty of any kind that the use or disposal of this product is in compliance with all federal, state or local laws. It is the obligation of each user of the product mentioned herein to determine and comply with the requirements of all applicable statutes.

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**NOX-CRETE MANUFACTURING INC**